

Claims

1. Device for producing heavy gas-filled insulating glass sheets with two essentially vertical plates (4, 6), with a conveyor means (40) for an insulating glass sheet which is to be filled with heavy gas and with a seal (20) in the space (10) between the plates which is aligned essentially vertically, characterized in that the seal (20) between the plates (4, 6) can be adjusted solely transversely to the plane of the plates (4, 6) and that on the two vertical edges of the plates (4, 6) there are sealing elements (12) for sealing the space (10) between the plates (4, 6) to the outside.

2. Device as claimed in claim 1, wherein the seal (20) is movably held in a groove (28) which runs essentially vertically and which is open towards the space (10) between the plates (4, 6) in one plate (4, 6) transversely to the plane of the plate (4, 6).

3. Device as claimed in claim 2, wherein the seal (20) is sealed (30) relative to the groove (28).

4. Device as claimed in one of claims 1 to 3, wherein there is a seal (20) in the plate (4) which is mounted stationary in the machine frame (2).

5. Device as claimed in one of claims 1 to 4, wherein the seal (20) can be pulled back so far that its front surface (32) which is assigned to the space (10) between the plates (4, 6) is flush with the surface of the plate (4, 6) in which it is held, which surface is assigned to the space (10).

6. Device as claimed in one of claims 1 to 5, wherein the seal (20) on its surface assigned to the space (10) between the plates (4, 6) is covered with a strip (32) of elastic material, for example an elastic foam.

7. Device as claimed in one of claims 1 to 3, 5, and 6, wherein the seal (20) is located on the plate (6) which is adjustable transversely to its plane.

8. Device as claimed in claim 7, wherein the seal (20) is held in a groove (28) in the adjustable plate (6).

9. Device as claimed in claim 7 or 8, wherein the seal (20) is loaded by elastic means into its position which projects into the space (10) between the plates (4, 6).

10. Device as claimed in claim 9, wherein the elastic means are helical spring or gas pressure springs.